BenQ DC P860 Digital Camera
User Manual

Welcome

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Taking care of your camera

• Do not use your camera in the following environmental range: temperature below 0ºC or above 40ºC
• Do not use or store your camera in the environments listed below:
  – Direct sunlight
  – High and dusty places
  – Next to an air conditioner, electric heater or other heat sources
  – In a closed car that is in direct sunlight
  – Unstable locations
• If your camera becomes wet, wipe it with a dry cloth as soon as possible.
• Salt or seawater may cause severe camera damage.
• Do not use solvents, such as alcohol, to clean your camera.
• If the lens is dirty, use a lens brush or soft cloth to clean the lens. Do not touch the lens with your fingers.
• To prevent electric shock, do not attempt to disassemble or repair your camera by yourself.
• Water may cause a fire or electric shock. Therefore, store your camera in a dry place.
• Do not use your camera outdoors when it is raining or snowing.
• Do not use your camera in or near water.
• If a foreign substance or water gets in your camera, please turn the power off immediately and remove the batteries. Remove the foreign substance or water, and send it to the maintenance center.
• Transfer the data to the computer as soon as possible to avoid losing your images and / or video clips.

Disposal of Waste Electrical and Electronic Equipment by users in private households in the European Union.

This symbol on the product or on the packaging indicates that this can not be disposed of as household waste. You must dispose of your waste equipment by handing it over to the applicable take-back scheme for the recycling of electrical and electronic equipment. For more information about recycling of this equipment, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

CE Regulatory Notice.

Hereby, BenQ Corp. declares under our responsibility that the product is in conformity with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating, Electromagnetic Compatibility Directives (89/336/EEC, 92/31/EEC) and Low Voltage Directive (73/23/EEC).

A "Declaration of Conformity" in accordance with the above Directives has been made and is available from BenQ Corp. upon request.

Statement of FCC compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
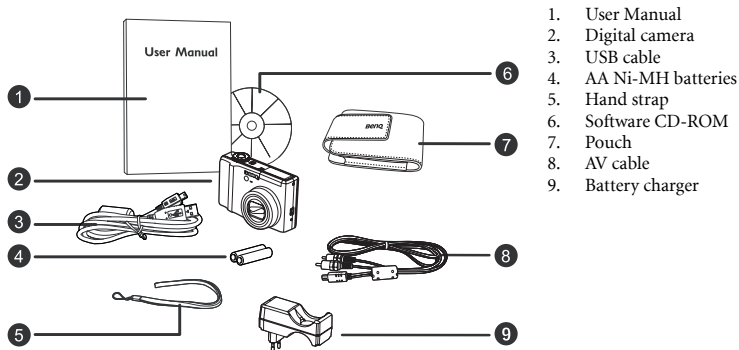• Consult the dealer or an experienced radio/TV technician for help.

Table of Contents

1 TOURING YOUR CAMERA

1.1 Checking the package contents

Carefully unpack your kit box and ensure that you have the following items.

1. User Manual
2. Digital camera
3. USB cable
4. AA Ni-MH batteries
5. Hand strap
6. Software CD-ROM
7. Pouch
8. AV cable
9. Battery charger

- Available accessories may vary depending on sales region.
- If any of the items are missing or appear to be damaged, contact your dealer. Save the packaging in case you need to ship your camera for service.
- All electronic accessories (such as USB, AV cable, adapter, charger, and battery) are designed to work with this BenQ Digital Camera only. Do not use them with other Digital Camera to avoid possible damage

1.2 Camera components

1.2.1 Front view

1. Mode dial
2. Shutter button
3. Power button
4. Flash open button
5. Flash
6. Speaker
7. Lens
8. Microphone
9. Self-timer LED

Touring Your Camera   1
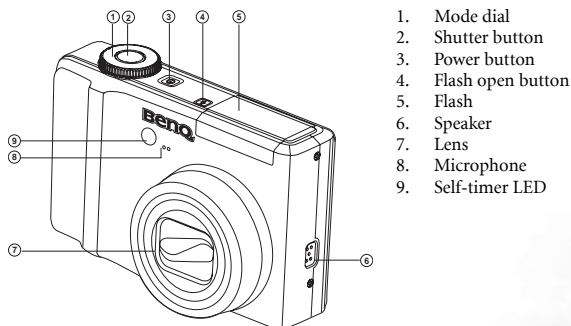
- If your BenQ camera's lens remains extended after an involuntary shutdown, simply replace the batteries with new ones and restart your camera.
  Never forces the lens inwards since this action will damage the camera and void the BenQ Warranty.

1.2.2 Rear view

1. Status LED
2. [**W**] Zoom out button

   [↺] Thumbnail button

   [**T**] Zoom in button

   [🔍] Thumbnail button
3. **Menu** Menu button
4. USB or AV OUT terminal
5. **OK** Set button
6. [▲] Arrow button (Up)

   [🔆] EV button / AE Lock

   [🖼] Backlight correction
7. [▶] Arrow button (Right)

   [⚡] Flash button
8. [▼] Arrow button (Down)

   [↺] Self-timer button
9. [◀] Arrow button (Left)

   [🌷] Macro button
10. Strap eyelet
11. [🗑] Delete button
12. [▢] Display button

    [?] Information button
13. Battery / SD memory card cover
14. Tripod socket
15. LCD monitor
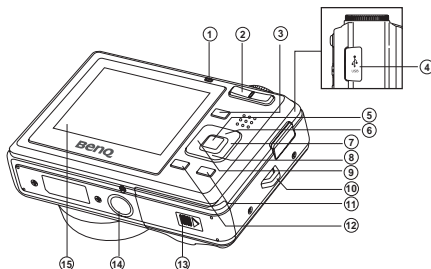
1.2.3 LED indicators

Color	State	During photography	During connection to a PC
Green	On	Ready for shot.	System ready.
Red	On	When the image is not in focus.	-
	Flashing	Accessing files in progress. Flash charging in progress.	Accessing files in progress.

- **It is normal for the camera to become warm during operation, because camera casing can conduct heat.**
- **The LCD display on this camera is manufactured with sophisticated technology, and more than 99.99% of the pixels on the LCD display meet standard specifications. Yet, it is possible that less than 0.01% of the pixels on the LCD display may have some light spots or show unusual colors. This is normal and does not indicate display malfunction, nor will this affect the pictures you take with the camera.**

② PREPARING YOUR CAMERA FOR USE

2.1   Installing the batteries

You can use two AA batteries to power up the camera. Make sure that the power of the digital camera is off before inserting or removing the batteries.

To insert the batteries:

1. Make sure the camera is turned off.
2. Open the battery cover.
3. Insert the batteries in the correct orientation as shown in the illustration.
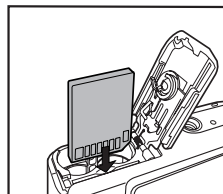4. Close the battery cover.
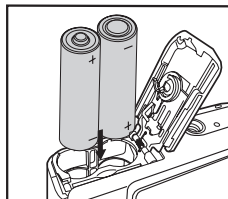
To remove the batteries:

1. Make sure the camera is turned off.
2. Hold the camera with the battery cover facing upward, and then open the battery cover.
3. Remove the batteries.

2.2   Inserting and removing an SD memory card

The camera is equipped with internal memory, allowing you to record video clips and capture images. You can also expand the memory capacity by using an optional SD (Secure Digital) memory card to store more files.

1. Always make sure the camera is turned off before inserting or removing a memory card.
2. Insert an SD memory card in the correct orientation as shown in the illustration.
3. Close the battery / SD memory card cover.
    To remove the SD memory card, make sure the camera is turned off. Press lightly on the edge of the memory card and it will eject.

☞ • **Be sure to format the SD memory card with this camera before initial use.**

• **To prevent valuable data from being accidentally erased from an SD memory card, you can slide the write-protect tab (on the side of the SD memory card) to "LOCK".**

LOCK	↓	LOCK
Write-protect tab		Write-protection state

• **To save, edit, or erase data on an SD memory card, you must unlock the card.**

• **SD memory card in the following sizes are supported: 64 MB, 128 MB, 256 MB, 512 MB, 1 GB, 2 GB and 4 GB SDHC. The camera is compatible with SD memory cards manufactured by Panasonic, Toshiba, and Sandisk. Please contact your local dealer for purchase information.**
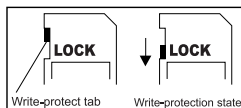
USING THE CAMERA

3.1   Mode dial

You can select from eight shooting modes and set-up mode according to shooting conditions to achieve the desired effect.
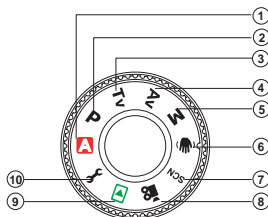
| No.	Icon	Mode	Description
1	[**A**]	Auto	The camera automatically sets the exposure, etc.
2	[**P**]	Program	In program mode, the shutter speed and aperture will be set automatically, but other parameters may be set manually.
3	[**Tv**]	Shutter speed priority	You may specify the shutter speed while the camera sets the corresponding aperture value.
4	[**Av**]	Aperture priority	You may specify the aperture value while the camera sets the corresponding shutter speed.
5	[M]	Manual photography	For full manual control over exposure, aperture and other settings.
6	[✋]	Shake-Free	Select this mode to reduce blur caused by camera vibration.
7	[**SCN**]	SCN	Point-and-shoot simplicity when taking pictures under 12 special conditions.
8	[🎥]	Movie	For recording video clips.
9	[▶]	Playback Mode	Performs image playback and deletion.
10	[🔧]	Set-up	Specify your camera's settings.

3.2   LCD monitor information (camera mode)
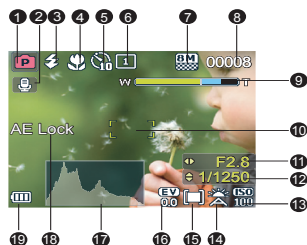
1. Mode indicator
2. Voice memo indicator
3. Flash mode

    [🔆] On Flash

    [🚫] Off Flash

    [🔆] Slow Sync

    [🔆] Auto Flash (Default)

    [👁] Auto RedEye Flash
4. Focus setting

    [AF] Auto

    [🌷] Macro

    [🌷] Super Macro

    [∞] Infinity

    [M] Manual Focus

    [PF] PF
5. Self-timer indicator

    [🕐] 10 Sec.

    [🕐] 2 Sec.
6. Capture mode

    [1] Single

    [🔲] Continuous

    [AEB] AEB

7. Image size/Quality

    [8M] 3264 x 2448

    [3:2] 3264 x 2175

    [16:9] 3264 x 1835

    [5M] 2560 x 1920

    [2M] 1600 x 1200

    [VGA] 640 x 480
8. Available number of shots
9. Zoom status
10. Main focus area
11. Aperture
12. Shutter speed
13. ISO
14. White balance

    [🔆] Auto (Default)

    [💡] Incandescent

    [🔆] Fluorescent 1

    [🔆] Fluorescent 2

    [☀] Day Light

    [☁] Cloudy

    [🔆] Manual
15. Metering

    [🔲] Cen. Weight

    [🔲] Spot
16. EV
17. Histogram
18. AE Lock Indicator
19. Battery condition

    [🔋] Full battery power

    [🔋] Medium battery power

    [🔋] Low battery power

    [🔋] No battery power

3.3   Getting started

3.3.1   Turning the power on / off

- Press the [⏻] button until the digital camera turns on.
- To turn the power off, press the [⏻] button again.

3.3.2   Choosing the screen language

When the camera is turned on for the first time, a language-selection screen will be displayed on the LCD monitor. Follow the steps below to choose the desired language.

1. Rotate the mode dial to [🔧] mode, and then press the [⏻] button to turn on your camera.
2. Press [▶] to enter the [🖲] menu and use [▼] to select [Language] and press the **OK** button.
3. Use [▲] / [▼] to select the language you want.
4. Press the **OK** button to confirm.

3.3.3   Setting the date and time

Follow the steps below to set the date display style, current date and time.

1. Rotate the mode dial to [🔧] mode, and then press the [⏻] button to turn on your camera.
2. Press [▶] to enter the [🖲] menu and press the **OK** button to set [Date & Time].
3. Use [◀] / [▶] to select Year, Month, Day and Time fields.
   - To increase a value, press [▲].
   - To decrease a value, press [▼].
   - The time is displayed in 24-hour format.
4. Press the **OK** button after all fields are set.

3.3.4 Using the flash

The flash is designed to function automatically when lighting conditions warrant the use of flash. You can capture an image using a flash mode suitable to your circumstances.

1. Rotate the mode dial to [**A**], [**P**], [**Tv**], [**Av**], or [**M**], and then press the [⏻] button to turn on your camera.
2. Toggle [▶] / [⚡] until the desired flash mode appears on the LCD monitor.
3. Compose your scene and press the shutter button.

The camera has five flash modes: Auto Flash (default), Auto RedEye Flash, Slow Sync, Forced Flash and No Flash. The table below will help you choose the appropriate flash mode.

Icon	Flash mode	Description
[⚡]	ON FLASH	The flash will always fire regardless of the surrounding brightness. Select this mode for capturing images with high contrast (backlighting) and deep shadows.
[⚡]	OFF FLASH	The flash will not fire. Select this mode in a place where flash use is prohibited, or when the distance to the subject is beyond the effective range of the flash.
[⚡]	SLOW SYNC	The flash fires with a slow shutter speed.
[⚡]	AUTO FLASH	The flash fires automatically according to the photographic conditions. This mode is not available when the camera is set to [Tv], [Av], and [M] modes.
[⚡]	AUTO RED-EYE FLASH	This mode can reduce the red-eye phenomenon when you want to capture natural-looking images of people and animals in low-light conditions.

☞ • **The flash cannot be used in Video Mode, burst mode [Continuous] and [AEB].**
• **Press the flash open button to open the flash before using. Otherwise, the flash cannot work.**

3.3.5 Using the self-timer

The self-timer can be used in situations such as group shots. When using this option, you should either mount the camera on a tripod (recommended) or rest it on a flat surface.

1. Secure the camera to a tripod or place it on a stable surface.
2. Rotate the mode dial to [**A**], [**P**], [**Tv**], [**Av**], [**M**] [✋] or [**SCN**], and then press the [⏻] button to turn on your camera.
3. Toggle [▼] / [⏱] until the desired self-timer mode appears on the LCD monitor.
4. Compose your image and press the shutter button.
   • The self-timer function is activated.
   • The image is then captured after the preset time.
   • To cancel the self-timer at any time, press the shutter button.

☞ • **If you wish to capture another image using the self-timer, repeat these steps.**

3.3.6 Setting the Focus

You can select different focus modes according to your shooting requirements by toggling
[◀] / [🌷]. The camera has six focus modes: Auto, Macro, Super Macro, Infinity, Manual and PF .

3.3.7 EV/Backlight Adjustment and AE Lock

By toggling [▲] / [🖼][🔆], you can adjust the exposure value and backlight, as well as set the AE Lock. The AE Lock function not only allows you to compose an image conveniently but also ensures a correct exposure of the subject.

3.3.8 Using the zoom function

The camera is equipped with 6X optical zoom. The lens moves during the optical zoom photography, allowing you to capture telephoto and wide-angle shots. By using the optical zoom function, images appear closer by pressing the **T** button, or smaller away by pressing the **W** button.

Moreover, you can further enlarge the subjects with 5X digital zoom by pressing the **T** button continuously. It is activated after your camera reaches its maximum optical zoom factor (6X). A useful feature as it is, however, the more the image is magnified, the grainer the image may become.

To capture a zoomed image, perform the following steps.

1. Adjust the magnification ratio by using the **T** / **W** buttons.

    • The digital zoom function can be disabled by setting [Digital Zoom] in [📷] menu to [Off].

2. Compose your image and press the shutter button.

☞ **• The digital magnification can be adjusted smoothly from 1.0X to 5.0X.**

3.3.9 Capture Mode

This sets the recording method at the time of capturing images.

*[1] Single: Capture one image at a time.

*[🗗] Continuous: Permits continuous photography of 3 images max.

*[🗗 AEB] AEB: Permits 3 consecutive images in the order of standard exposure, underexposure and overexposure compensation.

1. In the [📷] menu, use [▼] to select [Capture Mode] and press the **OK** button.

2. Use [▲] / [▼] to select the capture mode you want and press the **OK** button.

3. Press the shutter button all the way down to shoot.

☞ **• In [Tv], [Av] and [M] modes, [Continuous] and [AEB] cannot be used.**

3.4 Menu options

3.4.1 Camera menu

This menu is for the basic settings to be used when capturing still images.

1. Rotate the mode dial to [**A**], [**P**], [**Tv**], [**Av**], [**M**] [👋] or [**SCN**], and then press the [⏻] button to turn on your camera.

2. Press **MENU**, and then use [◄] / [►] to select [📷] or [📷] .

3. Use [▲] / [▼] to select the desired setting, and then press the **OK** button.

4. To exit from the menu, press the **MENU** button.

In [📷] menu:

Item	Function Description
Size	This option sets the size of the image that will be captured. * 8M / 3 : 2 / 16 : 9 / 5M / 2M / VGA
Quality	This option sets the quality (compression rate) of the image that will be captured. * Fine / Standard / Economy
Sharpness	This sets the sharpness of the image that will be captured. * Soft / Normal / Hard
Saturation	This sets the saturation of the image that will be captured. * Low / Normal / High
Color	This sets the color of the image that will be captured. * Standard / Vivid / Sepia / Monochrome
White Balance	This sets the white balance for a variety of lighting conditions and permits images to be captured that approach the conditions that are seen by the human eye. * Auto / Incandescent / Fluorescent 1 / Fluorescent 2 / Day Light / Cloudy / Manual
Manual WB	This manually sets the white balance and stores it. Use of this is convenient when the white balance does not offer a good match. Before selecting [Execute], determine the subject (such as a white paper) that will be used to set the white balance. * Cancel / Execute
ISO	This sets the sensitivity for capturing images. When the sensitivity is raised (and the ISO figure is increased), photography will become possible even in dark locations, but the more pixelated (grainier) the image will appear. * Auto / 100 / 200 / 400 / 800
Metering	This sets the metering method for determining the exposure. * Cen. Weight / Spot

In [📷] menu:

Item	Function Description
Capture Mode	This sets the recording method of capturing images. Refer to section in this manual titled "Capture Mode" for further details. * Single / Continuous / AEB

Voice Memo	This sets whether or not to attach a voice memo for a still image. * On / Off – You can record a voice memo for up to 30 seconds after pressing the shutter button. – To stop the voice recording, press the shutter button again.
Digital Zoom	This sets whether or not to use digital zoom at the time of photography. * On / Off
Preview	This sets whether or not to display the captured image on the screen immediately after the image is captured. * On / Off
Date Print	The date of recording can be printed directly on the still images. This function must be activated before the image is captured. * On / Off

3.4.2   Scene Mode Selection

You can select the scene mode according to your shooting requirements.

1. Rotate the mode dial to [SCN], and then press the **OK** button. The scene mode selection screen will appear.

2. Use [▲] / [▼] / [◄] / [►] to select the desired scene mode and then press the **OK** button to confirm the setting.

• Pressing [|❑|]/[⑦] can display the descriptions of each secne mode.

There are 12 available scene modes:

Icon	Scene mode	Description
[🐲]	High ISO Portrait	Zooms-in to emphasize natural skin tones while blurring the background.
[🏔]	Landscape	Sets focus to infinity and reduces aperture to achieve max. depth of view for outdoor secnes.
[🏃]	Sport	Uses a high shutter speed to capture objects in motion.
[360°]	Panorama	Takes a series of shots and stitches them together for a wide-angle view or continuous scene.
[☪]	Night	Captures night scenes and portraits clearly. Please use a tripod or keep the camera steady.
[❋]	Fireworks	Extends exposure time to capture fireworks trails. Please use a tripod or keep the camera steady.
[⚱]	Candlelight	Used for candle light source. The flash is disabled to preserve the mood.
[🌥]	Sunset	Uses sunlight white balance to enhance photo quality at sunset.
[🌅]	Sunrise	Uses sunlight white balance to enhance photo quality at sunrise.
[⛄]	Snow	Increases contrast to highlight the texture and layers of snow.
[🏖]	Beach	Increases contrast to highlight the texture and layers of sand.
[🌿]	Plant	Uses the macro mode to emphasize lines and saturation and thus highlight the details of plants.

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3.4.3   Video mode

3.4.3.1   LCD monitor information (video mode)

1. Mode indicator
2. Focus setting
3. Self-timer indicator
4. Video resolution/video quality
5. Available recording time/elapsed time
6. Zoom status
7. Main focus area
8. Battery condition
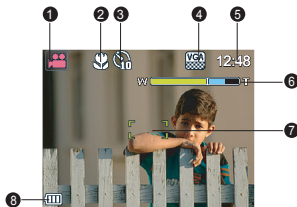
3.4.3.2   Recording video clips

This mode allows you to record video clips with sound via the built-in microphone.

1. Rotate the mode dial to [🎥] and then press the [⏻] button to turn on your camera.
2. To start recording, press the shutter button.
3. To stop recording, press the shutter button again.

☞ • **When recording video clips, the flash cannot be used.**
  • **While the image is being recorded into the SD card, do not open the battery/SD card cover, nor remove the battery or SD card. Doing so might damage the SD card or destroy the data.**

3.4.3.3   Video menu

This menu is for the basic settings to be used when recording video clips.

1. Rotate the mode dial to [🎥] and then press the [⏻] button to turn on your camera.
2. Press the **MENU** button.
3. Press [▲] / [▼] to select the desired setting, and then press the **OK** button.
4. To exit from the menu, press the **MENU** button.

Item	Function Description
Size	This sets the size of the image that will be captured. * VGA / Q-VGA
Quality	This sets the quality (compression rate) of the image that will be captured. * Fine / Standard
Color	This sets the color of the image that will be captured. * Standard / Vivid / Sepia / Monochrome

3.4.4 Playback mode

3.4.4.1 LCD monitor information (image playback)

1. Playback mode
2. Recorded date and time
3. File number/total file number
4. Histogram
5. Metering
6. Flash mode
7. ISO
8. Exposure value
9. White balance
10. Image size/quality
11. Mode indicator
12. DPOF indicator
13. Protect indicator
14. Voice memo indicator
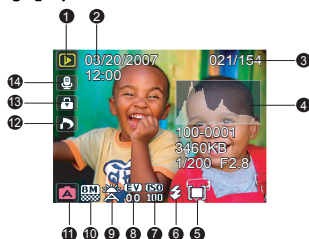
3.4.4.2 LCD monitor information (video playback)

1. Playback mode
2. Mode indicator
3. File number/total file number
4. Play indicator
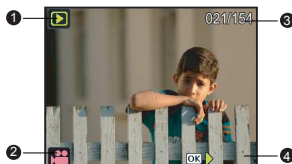
3.4.4.3 Playback mode - the basics

3.4.4.3.1 Viewing images

You can display the still images you have just captured.

1. Press the [⏻] button to turn on your camera.

2. Rotate the mode dial to [▶].
   • The last captured image appears on the LCD monitor.

3. Use [◀] / [▶] to select the desired images.

   • To view the previous image, press the [◀] button.

   • To view the next image, press the [▶] button.

☞ • Press [▯]/[❓] **to toggle between different display modes of playback information.**

3.4.4.3.2 Magnifying images

While reviewing your images, you may enlarge a selected portion of an image. This magnification allows you to view fine details. The zoom factor displayed on the screen shows the current magnification ratio.

1. Rotate the mode dial to [▶].
2. Adjust the zoom ratio by using the Zoom [**W**] / [**T**] button.
   - To enlarge the selected image, press the [**T**] button.
   - To return to the normal image, press the [**W**] button.
   - The magnification factor is displayed on the LCD monitor.
3. To view different portions of the images, press the [▲] / [▼] / [◀] / [▶] button to adjust the display area.
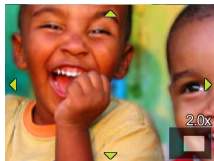
☞ **• The range of magnification is from 1x to 8x in 0.5x increments.**

3.4.4.3.3 Thumbnail display

This function allows you to view up to 9 thumbnail images on the LCD monitor simultaneously so you may search for a particular image.

1. Rotate the mode dial to [▶].
2. Press the [**W**] / [▦] button once.
   - The images are displayed in the thumbnail display.
   - Images that have been selected with the [▲] / [▼] / [◀] / [▶] buttons will be indicated by a green frame.
   - When there are ten or more images, scroll the screen with the [▲] / [▼] buttons.
3. Use the [▲] / [▼] / [◀] / [▶] button to select the image to be displayed at regular size.
4. Press the **OK** button to display the selected image at its regular size.
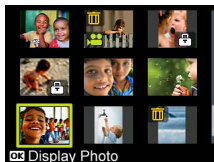
☞ **As appropriate, the [🖨], [🖨], [📷], [🔁] icons will be displayed in a thumbnail display.**

3.4.4.3.4 Rotating Images

While reviwing your images, you can rotate the displayed image 90 degree clockwise or counterclockwise.

1. Rotate the mode dial to [▶].
   - Press [▲] button to rotate the displayed image 90 degree counterclockwise.
   - Press [▼] button to rotate the displayed image 90 degree clockwise.
2. Press the **OK** button to save the rotated image.

☞ The original image will be replaced by the rotated one.
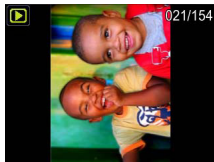
3.4.4.3.5 Deleting Images/Video Clips

Use this function to delete one or all images/video clips stored on SD memory card or in the internal memory. Please note that the deleted images or video clips cannot be recovered. Exercise caution before deleting a file.
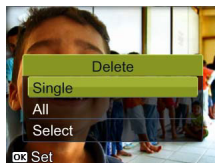
1. Rotate the mode dial to [▶].

2. Press [🗑] button to display the delete screen.

3. Use [▲] / [▼] to select the desired option and press the **OK** button.
   - [Single]: Delete the displayed image/video clip.
   - [All]: Delete all stored images/video clips.
   - [Slect]: Select the image/video clip from the thumbnail display and then delete it.

4. Select [Execute] with [▲] / [▼] and then press the **OK** button.
   - Select [Cancel] and press the **OK** button to cancel deletion and return to the image playback.

3.4.4.4 Playback menu

1. Rotate the mode dial to [▶].

2. Press the **MENU** button, and then use [◀] / [▶] / [▲] / [▼] to select the desired setting and press the **OK** button.

3. To exit from the Playback menu, press the **MENU** button.

| Playback 1: Item	Function Description

Slide Show	The slide show function allows you to play your images back automatically in sequential order. This is very useful and entertaining feature for reviewing captured images and for presentations. You can select the slide show display interval.
	* 3 sec. / 5 sec. / 10 sec.
	  – Video clips display only the first frame and are not played back.
	  – To stop the slide show, press the **OK** button.

DPOF	This option allows you to select the desired images to be printed and set the number of prints and date displayed in DPOF format. You can print images easily just by inserting the memory card to a DPOF compliant printer or in a print shop.
Protect	This option sets the data to read-only to prevent images from being erased by mistake.

Resize	This option allows you to change the size of a captured image to an available smaller size. However, the following images cannot be resized:
	  – Image size 3:2, 16:9 and VGA
	  – Image captured with other camera
	  – Protected images
	  – Video clips
	  – Images cannot be resized when the SD card is write-protected.
	  – Images cannot be resized to 3:2 or 16:9.

Copy To Card	This option allows you to copy your files from the digital camera's internal memory to a memory card. This action can be performed only when you have a memory card installed and some files in the internal memory. * Cancel / Execute

Quality Change	This option allows you to change the quality (compression rate) of a recorded image. Only quality changing to a lower quality level is available * Standard/Economy

3.4.5   Set-up mode

3.4.5.1   Set-up menu

This feature allows you to set the default settings by preference for using your camera.

1. Rotate the mode dial to [⚡] mode, and then press the [⏻] button to turn on your camera.

2. Press [◀] / [▶] to select the [▣⁴]/[▣⁶] menu.

3. Use [▲] / [▼] to select the desired option item, and then press the **OK** button.

4. To exit from the set-up menu, rotate the mode dial to other desired mode.

In [▣⁴] menu:

Item	Function Description
Card Info.	This option displays the size and the remaining memory of the SD memory card loaded in the camera.
Fr. No. Reset	This creates a new folder on your memory card. From this point forward, newly captured images are stored in the newly created folder starting with image number 0001. * Cancel / Execute
Format	This option erases all images and reformats the SD memory card loaded in your camera. Protected images are also erased. The SD memory card cannot be formatted if it is write-protected. * Cancel / Execute
Beep	This option sets whether the camera sound will be muted every time when you press the camera buttons. * On / Off
Auto Off	If no operation is performed for a specific period of time, the camera power will be auto-matically turned off. This feature is useful to reduce battery wear. * 3 Min./ 5 Min./ 10 Min. / Off
USB	This option allows you to choose one of the following modes for further settings. * PC / PictBridge
LCD Bright.	This option sets the brightness of the LCD monitor. The adjustment range is from -5 to +5.

In [▣⁶] menu:

Item	Function Description
Date/Time	This option sets the date and time. Refer to 3.3.3 "Setting the date and time" for further details.
Sys. Reset	This option returns all basic settings to the digital camera's default settings. The time set-ting will not be reset. * Cancel / Execute

Language	This option sets the language that is displayed on the LCD monitor. Refer to 3.3.2 "Choosing the screen language" for further details.
Video Output	This option sets the video output system of the video equipment that you are going to connect to the camera. * PAL / NTSC
System Info.	This option displays the current firmware version of the camera.

④ PC DEPENDENT FEATURES

4.1 Bundled software

The camera is supplied with the following software. To install the software, refer to the information supplied with respective CDs.

ArcSoft PhotoImpression 5	Combine l'édition de photos avec des outils d'amélioration créative et de partage d'outils qui maximise votre expérience média numérique.
ArcSoft VideoImpression 2	Crée des présentations multimédia en combinant des photos et des clips vidéo avec de l'audio, du texte et des transitions entre les scènes.

4.2 Transferring files to your computer

After using USB cable to establish a USB connection between the camera and your computer, you can use your computer to share captured images or recorded video clips with your family or friends via e-mail or post them on the Web. Note that before you begin, you need to check your system according to the table as shown below.

	System Requirements (Windows)
CPU	Pentium III 600 MHz or higher
Operating System	Windows 2000 / ME / XP / Vista
RAM	64 MB
Hard Disk Space	128 MB hard disk space
Required Devices	A CD-ROM drive An available USB port

4.2.1   Step 1: Connect the digital camera to your computer

1. Rotate the mode dial to [🔧], and then press the [⏻] button to turn on your camera.

2. In the [▶] menu, select [USB] with the ▲ / ▼ and then press the **OK** button.

3. Select [PC] with the ▲ / ▼ and then press the **OK** button.

4. Connect one end of the USB cable to an available USB port on your computer.

5. There will be a new "Removable Disk" icon detected in "My Computer", which contains your captured images or recorded video clips.
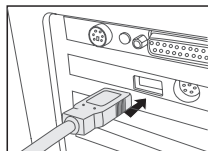
4.2.2   Step 2: Download images or video clips

When the digital camera is turned on and connected to your computer, it is considered to be a disk drive, just like a floppy disk or CD. You can download (transfer) images by copying them from the "Removable Disk" to your computer hard drive.

Windows

Open the "Removable Disk" and double-click on the DCIM folder to open it to find more folders. Your images are inside these folder(s). Select the desired still images or video clips, and then choose "Copy" from the "Edit" menu. Open the destination location (folder) and choose "Paste" from the "Edit" menu. You may also drag and drop image files from the digital camera to a desired location.

☞ • **Memory card users may prefer to use a memory card reader (highly recommended).**

• **Video playback application is not included with the package. Make sure that video playback application has been installed in your computer.**

4.3   PictBridge Mode

Even if you do not have a computer, you can connect the camera directly to a printer that supports PictBridge to perform image selection and printing using the camera monitor screen and controls. PictBridge support also enables you to specify which images you want to print and how many copies of each should be printed.

To connect the camera to the printer:

1. Rotate the mode dial to [🔧], and then press the [⏻] button to turn on your camera.

2. In the [▶] menu, select [USB] with ▲ / ▼ and then press the **OK** button.

3. Select [PictBridge] with ▲ / ▼ and then press the **OK** button.

4. Connect your camera and the printer via a supplied USB cable.
   The screen turns off automatically and the setting screen will appear on the monitor after seconds of time.

⑤ TROUBLESHOOTING

Refer to the symptoms and solutions listed below before shipping your camera for service. If the problem persists, contact your local reseller or service center.

Symptom	Cause	Solution
The camera cannot be powered up.	There is no battery or the battery is not inserted correctly.	Insert the battery correctly.
	The battery has no power.	Recharge the battery.
The battery power is draining quickly.	The external temperature is extremely low.	—
	Many shots are being captured in dark places, requiring a flash.	—
	The battery was not fully charged. The battery has not been used for an extended period of time after being charged.	Fully charge the battery and discharge it for at least one complete cycle before use.
The battery or camera is warm.	The camera or flash was used continuously over a long period of time.	
The flash does not fire.	The camera flash is turned off.	Set the flash to Auto Flash.
	The light source is sufficient.	
Even though the flash fired, the image is dark.	The distance to the subject is greater than the flash's effective range.	Get closer to the subject and shoot.
The image is too bright or too dark.	The exposure is excessive or inadequate.	Reset exposure compensation.
I cannot format a memory card.	The memory card is write-protected.	Remove the write protection.
	End of the memory card life.	Insert a new memory card.
I cannot download images.	The free space on the hard disk of your computer is insufficient.	Ensure that the hard disk has enough space for running Windows and that the drive for loading image files has free space equal to or greater than the memory card in the camera.
	There is no power being supplied to the camera.	Recharge your batteries or replace with new batteries if necessary.

Symptom	Cause	Solution
The camera does not shoot even when pressing the shutter button.	The battery is running low.	Recharge the battery.
	The camera is not in Shooting Mode.	Switch to Shooting Mode.
	The shutter button was not pressed all the way down.	Press the shutter button all the way down.
	The internal memory or memory card does not have any free space.	Load a new card or delete unwanted files.
	The flash is recharging.	Wait until the flash mode icon, indicated on the screen, stops flashing.
	The camera does not recognize the memory card.	Format the memory card before the initial use or before using with another camera.
I cannot print images with PictBridge compliant printers.	The camera is connected to the printer when the camera is powered off.	Please turn on the camera, select [PictBridge] and then connect to the printer.
A "File Full" message appears and the camera connot shoot.	Number of files and/or folders may have exceeded the system limit.	Back up existing data, and then remove some or all of these files and folders. When you start shooting later, the system will automatically create folders.

6 SPECIFICATIONS

Item	Description
Image sensor	CCD
Effective pixels	8.0 Mega pixels
Image / Video size	Still image (JPEG): 3264 x 2448, 3264 x 2175, 3264 x 1835, 2560 x 1920, 1600 x 1200, 640 x 480 Video clip: 640 x 480, 320 x 240
Recording media	18 MB internal memory SD memory card
Zoom	Optical: 6X Digital: 5X
Lens	F-no.: Wide: 2.8 / Tele: 4.8 Focal length: 7.8 mm - 46.8 mm (equivalent to 37 mm - 222 mm on a 35 mm camera)
LCD monitor	2.5" TFT color LCD (153.6K pixels display)
Self-timer	10 sec delay, 2 sec delay
Exposure compensation	-2.0EV~ +2.0EV (in 0.3EV increments)
White balance	Auto, Incandescent, Fluorescent 1, Fluorescent 2, Day Light, Cloudy, Manual
ISO	Auto/100/200/400/800
Interface	USB 2.0 connector, A / V terminal
Power	2 x AA batteries (Alkaline or Ni-MH)
Dimensions	Approx. 99.8 x 65 x 27.5 mm (42.5mm with lens ring)
Weight	Approx. 182g (without batteries and the SD memory card)

* Design and specifications are subject to change without notice.

SERVICE INFORMATION

Technical Support

For free driver updates, product information and news releases, visit the following web site:

http://www.BenQ.com